GOVERNORS STATE UNIVERSITY
College of Business and Public Administration

Course: MIS 465 MIS Project Implementation

Instructor: Donald Fricker

Session: Fall 1998

Phone Nos.: 708/534-4948 Always leave a short, concise and complete message.
Remember: Name----class and section----phone no. (slowly)
And please let me know what you need ?????????????

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MIS 465

Office Hours:

M	6:30-7:30 p.m.
T/Th:	10:30-11:00 p.m.
T/Th:	6:30-7:30 p.m.
F	5:00-600 p.m.

Or by appointment.

Textbooks:

Required: Meredith,J., & Mantel, S., Project management: a managerial approach, Wiley 1995.
Microsoft Project 98 Step by Step, Microsoft Press 1998.

Units: Three

Target Group: Undergraduate Students with MIS Concentration

Prerequisite: MIS 420 & MIS 430; Corequisite: MIS 440

Description: Capstone course of the MIS Concentration designed to provide experiences similar to those encountered in MIS professional practice. The primary objective of the course is to integrate various concepts learned in other MIS and Management courses in the context of designing, implementing, documenting and testing a computer-based MIS project. The course

will expose students to ethical concerns of the MIS profession and will emphasize strong project management and communication (oral and written) skills.

Rationale for the Course:

The proposed joint ACM/DPMA/AIS Undergraduate Information Systems Curriculum Model has recommended a "Project Management and Practice" course as a required course. The following statement from "Information systems curriculum: a basis for course design" also reinforces the need for this course.

> "No curriculum in information system design could be considered satisfactory without provision for a major practical exercise, normally to involve specifying the requirements for an information system, carrying out the basic analysis and design for the system, and planning for its implementation. This should aim to bring students into closer contact with the real-life implications of what they have learned and, within the scope of a genuine application, to provide opportunity to apply a chosen methodology and all the relevant techniques."

R. "Information systems education: recommendations and implementation," ed. By A. Buckingham, et al. Cambridge University Press, 1987

Instructional Modality/Requirement

Students will spend the major portion of the course time to work in the computer lab using different software tools. There will be some lecture sessions to teach students the project management, RAD and documentation methodologies. A few cases will be presented in class sessions to discuss issues connected with critical ethical concerns of the MIS profession. Microsoft Project '98 and Outlook Express as well as other software tools will be used by students to carry out the project design tasks in a "collaborative" environment. Students are required to work in groups. In exceptional cases, and with proper justification, smaller or larger groups may be allowed. Students are encouraged to choose projects in which they have an interest. However, the project selected is subject to the approval by the instructor. The project must be testable. Students will be required to make periodic team presentations of significant project milestones, structured walkthroughs or project demonstrations. A final presentation/demonstration is required of all teams. The documentation should be sufficiently detailed (should include a user manual) and also indicate how each member of the team managed time using PERT/CPM activity charts.

Performance Objectives:

Upon completion of the course the student will gain:

1. an ability to develop a business solution to a MIS problem by applying and integrating various concepts and tools learned in MIS and Management courses.

2. practical experience in applying project management tools to design and develop software solutions in a timely and organized manner.

3. experience by working in a group on a "real-life" MIS problem, to use team-based software tools to develop jointly a software in the rapid prototyping environment and prepare adequate documentation.

4. some understanding of applying a variety of software tools, including CASE, DBMS, project management software, graphical user interface development tools, etc. to meet project's goals.

5. some proficiency with software documentation.

Course Policies and Requirements

1. Student is required to attend classes regularly and contribute to the class discussion.

2. Student shall complete all assignments by specified due dates. Late submissions, even if accepted, will affect grades.

3. Grade of "Incomplete" will not be given except under extenuating circumstances.

Instructional Resources:

The instructional resources will vary from project group to project group depending upon the business problem chosen. The following is a typical set of materials needed for the project:

Evaluation:

Class Attendance and Preparation	10%
Project Design/Documentation	30%
Project Implementation/Testing	30%
Final Examination	30%